

SCHEDULE 5C

LICENSING OF ROOF SPACE & CO-LOCATION SPACE AT ROOF SITES

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SCHEDULE 5C

LICENSING OF ROOF SPACE & CO-LOCATION SPACE AT ROOF SITES

1. SCOPE

- 1.1 This Schedule sets out the terms and conditions under which SingTel will provide the Requesting Licensee with a licence (**Roof Access Licence**) to use:
- (a) Roof Space at SingTel exchanges for the sole purpose of mounting an antenna (**Roof Equipment**) and connecting that antenna to POA Co-Location Equipment at the same SingTel exchange to allow the Requesting Licensee to access ULL under Schedules 3A and 3B provided at Co-location Space under Schedules 8B; and;
 - (b) physical access thereto.
- 1.2 The Requesting Licensee must have acquired any such licenses as required from time to time to operate any equipment it intends to locate on the Roof Site before SingTel will provide a Roof Access Licence.
- 1.3 Except as provided in this Schedule, the Requesting Licensee shall provide all installation materials and manpower needed for the installation of its Roof Equipment and cabling to connect the Roof Equipment to the Co-Location Equipment located in the Co-Location Space in order to access ULL (**Building Cabling**). Where certain work is to be carried out by SingTel under this agreement, the Requesting Licensee must pay all the costs incurred by SingTel in provisioning the licence for Roof Space to the Requesting Licensee.
- 1.4 The list of Roof Sites for Roof Space is listed in Annex 5C.1. SingTel may vary the Roof Sites listed in Annex 5C.1 from time to time with the amendment of this RIO Agreement approved by the Authority.
- 1.5 SingTel shall not be responsible for any damage to the Requesting Licensee's equipment caused by rain, fire, water leakage, lightning, power fluctuation/interruption, or anything beyond SingTel's control at the Roof Site other than to the extent that it is the result of a grossly negligent, wilful or reckless breach of this RIO Agreement by SingTel.
- 1.6 This Schedule 5C only applies to Requesting Licensees who are FBOs.
- 1.7 SingTel will provide Roof Access Licences on a per roof per exchange basis.

- 1.8 SingTel shall only grant a Roof Access Licence to a Requesting Licensee where there is Roof Space available at the relevant Roof Site as determined under clause 2.
- 1.9 The Roof Space will be provided in an “as-is-where-is” condition.
- 1.10 (a) The timeframes in this Schedule relating to pre-provisioning work to be undertaken by SingTel under clauses 3.3, 4.3 and 4.7 (such as the completion of project studies and the assessment of applications) are subject to delays caused by events outside SingTel’s reasonable control, in which case SingTel may extend these timeframes for a period equal to the period of such delays.
- (b) For the avoidance of doubt, a failure to meet these timeframes caused by events outside SingTel’s reasonable control does not constitute a breach of this Schedule or this RIO Agreement.
- 1.11 (a) If SingTel fails to meet any timeframes in this Schedule relating to provisioning work to be undertaken by SingTel under clause 5.1, and the failure to meet the timeframe is solely caused by SingTel, SingTel will provide a remedy to the Requesting Licensee.
- (b) Such remedy will be in the form of a credit to the Requesting Licensee of the recurring Charges payable for the delayed services over a period equal to the period of the delay.
- (c) The Requesting Licensee acknowledges that this remedy is a genuine pre-estimate of the Requesting Licensee’s loss and will be the sole and exclusive remedy available to the Requesting Licensee for such failure to meet provisioning timeframes and shall be SingTel’s sole and exclusive liability to the Requesting Licensee for such failure.

2. AVAILABILITY OF ROOF SPACE & CO-LOCATION SPACE

- 2.1 For the purposes of this Schedule, SingTel may have regard to the following when assessing the availability of Roof Space:
- (a) SingTel’s reasonably anticipated requirements in the next one (1) year for Roof Space for the provision to itself and its Customers;
- (b) SingTel’s reasonably anticipated requirements in the next one (1) year for Roof Space for operations and maintenance purposes;

- (c) the Requesting Licensee's and other Licensees' requirements (including for operational and maintenance purposes) which have been ordered but not yet delivered or which have been provided;
- (d) whether SingTel has plans or otherwise proposes to decommission the Co-Location site within six (6) months of the date of the Roof Access Licence Request.

3. ORDERING AND PROVISIONING PROCEDURE

3.1 The Requesting Licensee shall submit its request for a Roof Access Licence with regards to a Roof Site using the Roof Access Licence Request form in Annex 5C.2 containing the following information:

- (a) the location of the Roof Site listed in Annex 5C.1 in relation to which the Roof Access Licence is sought;
- (b) the orientation and distant end receiving point;
- (c) the model and specification of each piece of antenna to be installed in the Roof Space;
- (d) the size, weight and wind load of each piece of antenna to be installed in the Roof Space;
- (e) the transmitting and receiving frequency of the signal sent over each piece of antenna to be installed in the Roof Space;
- (f) the transmission power of each piece of antenna to be installed in the Roof Space;
- (g) the number of mounting positions required and height in metres Average Mean Sea Level (AMSL) of the equipment to be installed;
- (h) the cable/waveguide type, gauge and specification of each cable that would be installed in or around the Roof Space;
- (i) whether power supply is required for equipment to be installed in the Roof Space;
- (j) evidence of the satisfaction of the condition in clause 1.2;

- (k) the technical characteristics of the antenna including all relevant RF frequencies, power levels, receiver sensitivity;
- (l) confirmation that a licence to the necessary Co-Location Space under Schedule 8B has been obtained;
- (m) confirmation that Roof Space at that Roof Site is for the purpose of connection of Local Loop, Sub Loop or Shared Line licensed or to be licensed under Schedule 3A and 3B; and
- (n) the Requesting Licensee's contact details.

3.2 The Requesting Licensee must request Roof Space of one (1) square meter only.

3.3 If the Roof Access Licence Request is rejected, SingTel will provide the reasons for such rejection to the Requesting Licensee within five (5) Business Days of receipt of the Roof Access Licence Request. The Requesting Licensee shall pay SingTel the Roof Access Licence Request fee specified in Schedule 9, regardless of whether the Roof Access Licence Request is successful.

3.4 SingTel may reject a Roof Access Licence Request if:

- (a) the Requesting Licensee is not an FBO;
- (b) the Roof Access License Request is not in the prescribed form;
- (c) the Roof Access License Request does not contain the required information;
- (d) the Requesting Licensee has not satisfied clause 1.2;
- (e) the size, weight and wind load of the antenna is not suitable;
- (f) the transmitting and receiving frequency of the system is not suitable;
- (g) the transmission power of each piece of antenna is not suitable;
- (h) the Requesting Licensee has not requested or obtained a licence to the necessary Co-Location Space under Schedule 8B and has not completed the process as set out in clause 1 of Attachment A of Schedule 8 Attachment; or
- (i) the Roof Access Licence Request is not made for the sole purpose referred to in clause 1.1;

- (j) there is no Roof Space available at the Roof Site as determined in accordance with clause 2; or
- (k) acceptance of the Roof Access License Request will give rise to significant health, safety, technical or engineering issues.

3.5 The Requesting Licensee acknowledges that the Roof Space allocated and the actual placement of the Roof Equipment shall be determined by SingTel. SingTel is not obliged to place the same Requesting Licensee's Roof Equipment adjacent to each other provided that SingTel must use reasonable endeavours to accommodate any reasonable request for adjacent placement made by the Requesting Licensee.

3.6 SingTel shall process all Requests for Roof Space on a "first come first served" basis up to the maximum amount specified in clause 3.6.

3.7 SingTel shall process a combined total of no more than one (1) Request for Roof Space from all Licensees per Business Day (subject to a maximum of three (3) Requests for Roof Space per week) and any subsequent requests received in that week shall overflow to the next week.

4. PROJECT STUDY

4.1 Except where SingTel has rejected a Roof Access Licence Request, SingTel will commence a Project Study within fifteen (15) Business Days of the expiry of the timeframe for rejection under clause 3.3. The Requesting Licensee agrees to pay the Project Study fee specified in Schedule 9, regardless of whether its Roof Access Licence Request is successful.

4.2 The Project Study normally entails at least two (2) site visits:

- (a) a preliminary site survey by SingTel to determine and assess the space, power, earth, fibre and cable routing and any Site Preparation Works required for access to the Roof Space; and
- (b) a joint site survey with the Requesting Licensee.

4.3 SingTel shall schedule the preliminary site survey and the joint survey. SingTel shall complete the Project Study within fifteen (15) Business Days of its commencement.

- 4.4 The Requesting Licensee shall at its own cost engage professional engineers and/or consultants subject to SingTel's approval to access the Roof Space in accordance with the Physical Access Procedures in Attachment C for the purpose of performing structural analysis and electromagnetic tests to verify the feasibility of its proposed usage of the Roof Space.
- 4.5 The Requesting Licensee shall provide the results of the analysis performed under clause 4.4 to SingTel within fifteen (15) Business Days of the commencement of the Project Study under clause 4.3.
- 4.6 SingTel may engage its own engineers and/or consultants to verify the analysis performed under clause 4.4 where SingTel has a reasonable justification for doing so. The cost of this verification is to be borne by the Requesting Licensee.
- 4.7 Following completion of the Project Study, SingTel shall provide written notice of its final approval (**Final Approval**) or rejection of the Roof Access Licence Request to the Requesting Licensee along with the following information where appropriate:
- (a) the estimated Charge for the Site Preparation Work along with an outline of the major elements of the Site Preparation Work to be undertaken by SingTel;
 - (b) the mounting position allocated for the antenna;
 - (c) the estimated length of cable required from the Roof Space to the Co-Location Space, which the Requesting Licensee must provide at its own cost; and
 - (d) the number of Business Days expected to complete the Site Preparation Work.
- 4.8 SingTel shall be entitled to levy and receive the Project Study fee provided in Schedule 9 regardless of the outcome of the Project Study or whether the Requesting Licensee proceeds with the Roof Access Licence Request after completion of the Project Study.
- 4.9 If Final Approval is granted under clause 4.7, the Requesting Licensee shall confirm in writing to SingTel that it wishes to proceed with the Roof Access Licence Request (**Final Acceptance**) and that it agrees to pay the estimated Charges for Site Preparation Work (as notified by SingTel from time to time). Within five (5) Business Days from the date of notification of the result of the Final Approval. If the Requesting Licensee does not give such confirmation within five (5) Business Days, its Roof Access Licence Request will be deemed to be cancelled. The Charges for Site Preparation Work are estimates only and

are subject to change. SingTel shall use its reasonable endeavours to complete the Site Preparation Work within the price estimate. SingTel may provide the Requesting Licensee with a revised price estimate from time to time where SingTel's costs increase due to circumstances beyond its reasonable control. SingTel may suspend construction under this clause until the Requesting Licensee agrees to the revised price estimate.

5. SITE PREPARATION WORK FOR THE CO-LOCATION SPACE

5.1 SingTel shall complete the Site Preparation Work within the period advised under clause 4.7(d). If SingTel is unable to complete the Site Preparation Work within the advised period, SingTel shall notify the Requesting Licensee of a revised date for completion.

5.2 The Requesting Licensee shall be responsible for providing the associated cabling, cable trays and termination blocks required for the installation of the Roof Equipment.

5.3 As part of the Site Preparation Work, SingTel shall install cable support from the Roof Space to the Co-Location Space for the Requesting Licensee to connect its cables from the Roof Space to the Co-Location Space.

5.4 Upon completion of the Site Preparation Work, SingTel will notify the Requesting Licensee and request the Requesting Licensee to attend the Roof Site for a final site inspection.

6. INSTALLATION AND MAINTENANCE OF EQUIPMENT IN THE ROOF SPACE

6.1 Where the Requesting Licensee gives its Final Acceptance under clause 4.9, the Requesting Licensee shall provide its installation schedule, installation plan, work method statement and details of how the Requesting Licensee will protect SingTel's existing installation from harm within five (5) Business Days from the Final Acceptance.

6.2 SingTel shall review the installation schedule and plan provided under clause 6.1 and within five (5) Business Days shall either give the Requesting Licensee:

- (a) an advice giving its approval; or
- (b) an advice withholding its approval with the reason for refusal and an alternate installation schedule and/or plan.

- 6.3** The Requesting Licensee must commence installation of the Building Cabling and the Roof Equipment within thirty (30) Business Days of its Final Acceptance or as otherwise agreed to by SingTel.
- 6.4** The Requesting Licensee shall request access to the Roof Site for the installation works of the Building Cabling and the Roof Equipment in accordance with Attachment C.
- 6.5** SingTel may carry out an inspection of the completed installation and/or a supervision of the installation to confirm that the installation conforms to the approved plans. The reasonable cost for this inspection and/or supervision shall be borne by the Requesting Licensee.
- 6.6** Where an inspection under clause 6.5 reveals that the installation does not materially conform to the installation plan, or that the installation disadvantages or jeopardises SingTel's plant, SingTel shall notify the Requesting Licensee of the results of the inspection. SingTel may still inform and require the Requesting Licensee to make adjustments to its installation where the installation does not conform with the installation plan in a non-material way, but this notification will not delay the approval process under this Schedule.
- 6.7** Upon notification under clause 6.6, the Requesting Licensee shall reinstall its plant or take other corrective action within a reasonable time as agreed between the Parties, but in any event within ten (10) Business Days. The Requesting Licensee shall bear all reasonable costs for re-installation and corrective action. If the Requesting Licensee fails to take appropriate corrective action, SingTel may withdraw physical access or undertake the appropriate corrective action and recover the reasonable cost from the Requesting Licensee accordingly.
- 6.8** The Requesting Licensee shall at its own cost and expense, comply with all reasonable requirements of SingTel regarding the installation and/or maintenance of the Requesting Licensee's plant, the licensed area and any works thereto.
- 6.9** If in the course of its own activities, the Requesting Licensee detects a fault, defect or problem in the roof it shall notify SingTel as soon as practicable.
- 6.10** The Requesting Licensee must, at its own cost:
- (a) ensure that the Roof Site is left in a tidy and safe condition following any maintenance or other operation it conducts on or around the Roof Site;

- (b) ensure that flammable, toxic material, building material, or rubbish is not left on or around the Roof Site following any maintenance or other operation it conducts on or around the Roof Site;
- (c) ensure that the Roof Site surface, covering, slate is not damaged before or after commencement of works on the Roof Site;
- (d) ensure that the position of antennae mounting and cable tray route does not obstruct the future re-roofing of the Roof Site;
- (e) correct any fault, defect or problem with its own equipment which jeopardises SingTel's equipment;
- (f) not to perform any hacking or drilling on SingTel's roof, parapet, any fixture or structures on the roof.
- (g) immediately notify SingTel of any damage to SingTel's equipment or roof consequent upon its act or omission; and
- (h) maintain and repair its own equipment.

6.11 If the Requesting Licensee wishes to replace existing Roof Equipment located on the roof or to install additional Roof Equipment on the Roof Site, the Requesting Licensee must submit a separate request under clause 3.

7. STANDARD TERMS AND CONDITIONS

7.1 Each Requesting Licensee shall be responsible for the construction and maintenance of its equipment. SingTel shall be responsible for maintaining and administering the Roof Site and Roof Space under this Schedule.

7.2 When SingTel's and the Requesting Licensee's plant is damaged by a Third Party at the same location, SingTel has priority over the Requesting Licensee to work in SingTel's roof.

7.3 The Requesting Licensee shall engage a qualified architect and a professional engineer to make the necessary submission to competent authorities and provide a professional engineer's certification for the installation of the Roof Equipment and the Building Cabling at its own costs. The Requesting Licensee must forward to SingTel a copy of the submission and the correspondences or approval granted.

7.4 The Requesting Licensee shall re-locate and re-install its Roof Equipment at its own expense within reasonable advance notice should the roof structure be required for repair or upgrading works.

7.5 It shall be the responsibility of both Parties to ensure that the Roof Equipment installed does not interfere with any of the existing systems. In the event of such interference, both Parties will act in good faith to take reasonable measures to resolve the interference concerns. If these concerns cannot be resolved by reasonable measures, the Requesting Licensee shall either relocate or remove the Roof Equipment immediately at its own cost.

7.6 The Requesting Licensee shall provide proper identification markings on each and every piece of Roof Equipment and cable installed.

8. ACCESS AND APPROVALS REQUIRED

8.1 The Requesting Licensee must use its reasonable endeavours to assist SingTel in providing the licence to use the Roof Space including, but not limited to:

(a) at the Requesting Licensee's cost, co-operating with SingTel so that SingTel is able to license the Roof Space efficiently; and

(b) obtaining and maintaining any authorisation, permission, licence, waiver, registration or consent from any person necessary for licensing the Roof Space.

8.2 The access to the Roof Space is subject to approval from all the relevant authorities with regard to its use and proposed renovation. The Requesting Licensee shall comply with all the terms and conditions imposed by the relevant authorities or Government Agencies at its own cost.

8.3 The antennae mounting is to comply with the height control limit from the relevant authorities or Government Agencies. The Requesting Licensee shall comply with all the terms and conditions imposed by the relevant authorities or Government Agencies at its own cost.

8.4 The Requesting Licensee shall at its own cost and expense, comply with all statutes, by-laws, rules or regulations that may apply to or be imposed on the Requesting Licensee in respect of the licences required by any Governmental Agency.

9. REQUESTING LICENSEE'S RIGHTS

9.1 The Requesting Licensee has a personal right of occupation on the terms and conditions of the access granted to the Roof Space and has no right, title, proprietary interest or interest in the relevant Roof Site or the Roof Space to which the licence has been granted. This access shall not create a tenancy and shall not give the Requesting Licensee exclusive right to the occupation of the Roof Space. The legal right to possession and control over the Roof Space is vested in SingTel throughout the term of the access.

10. PROTECTION AND SAFETY

10.1 The Requesting Licensee is responsible for the safe operation of its network and shall be responsible for the safe operation of its equipment on the Roof Site and shall, so far as reasonable practicable, take all necessary steps to ensure that its use of the Roof Space:

- (a) does not endanger the safety of any person, including the employees, contractors, customers or third persons;
- (b) does not damage, interfere with or cause any deterioration in the operation of SingTel's Network;
- (c) does not jeopardise the integrity or confidentiality of communications within the SingTel's Network; and
- (d) does not threaten the security and accessibility of SingTel's Roof Site.

10.2 The Requesting Licensee shall report immediately any incident, injury or harm, fatal or otherwise that occurs at the Roof Site to SingTel and the Authority. For fatal or serious accidents, the accident site shall be left undisturbed to facilitate the Authority's investigation of the circumstances leading to the accident. The Requesting Licensee shall report immediately to the Ministry of Manpower, the police and the insurance company of any fatal accident having occurred at the site. The Requesting Licensee shall be liable for and shall indemnify and keep indemnified SingTel against all losses, claims, proceedings, damages, liabilities, costs and expenses for injuries or death to any person whomsoever or any loss or damage to any property whatsoever which arise out of or in consequence of any act or omission of the Requesting Licensee's employees and contractors in relation to SingTel's Roof Site and against all claims, demands, proceedings, damages, costs, charges, and expenses whatsoever in respect thereof.

10.3 The Requesting Licensee certifies that all work performed by the Requesting Licensee which licence has been approved is performed by appropriately qualified, skilled and trained personnel.

11. TERM OF LICENCE

11.1 Subject to clause 11.2, the Roof Access Licence shall commence on the date the Requesting Licensee provides notice of its Final Acceptance under clause 4.9 and shall continue for two (2) years from the date of Final Acceptance.

11.2 The Roof Access Licence under clause 11.1 shall be automatically extended for six (6) months period until:

- (a) the Roof Access Licence is terminated in accordance with this Schedule;
- (b) the SingTel RIO is revoked by the Authority under clause 13.8 of the RIO Agreement; or
- (c) until the Authority removes the requirement for SingTel to supply Roof Access under the SingTel RIO or exempts SingTel from providing Roof Access under clause 13.9 of the RIO Agreement.

11.3 SingTel may terminate the Roof Access Licence at any time with immediate effect by giving notice to the Requesting Licensee if the Requesting Licensee fails to complete the installation of its Roof Equipment within thirty (30) Business Days under Attachment A or as otherwise agreed by SingTel. If the Requesting Licensee's failure to complete installation is attributable to circumstances beyond the Requesting Licensee's reasonable control, SingTel will grant a reasonable extension of time for installation to the Requesting Licensee at the Requesting Licensee's request. A Requesting Licensee's request under this clause must describe the circumstances beyond the Requesting Licensee's control and such request must be received prior to the expiry of the aforementioned thirty (30) Business Day period.

11.4 SingTel may terminate the Roof Access Licence under this Schedule after the expiry of the original term under clause 11.1 by giving the Requesting Licensee no less than six (6) months' written notice. Termination of the Roof Access Licence shall take effect from the date specified in the notice.

11.5 The Requesting Licensee may terminate a Roof Access Licence under this Schedule after the expiry of the original term set out in clause 11.1 by giving

SingTel no less than six (6) months' written notice. Termination of the Roof Access Licence shall take effect from the date specified in the notice.

- 11.6** Subject to clause 11.3 of the RIO Agreement, where SingTel is the Party terminating, either Party (**Terminating Party**) may terminate a Roof Access Licence if the other Party is in breach of this Schedule and such breach remains unremedied for a period of five (5) Business Days after receiving notice from the Terminating Party to do so.
- 11.7** Subject to clause 11.3 of the RIO Agreement, SingTel may immediately terminate the Roof Access Licence if:
- (a) the Requesting Licensee is no longer an FBO;
 - (b) in SingTel's reasonable opinion, the Requesting Licensee is using the Roof Space in contravention of an applicable law, licence, code, regulation or direction and SingTel has the necessary confirmation from the relevant Governmental Agencies that the Requesting Licensee is in contravention of the applicable law, licence, code, regulation or direction;
 - (c) the Roof Equipment is used for a purpose other than for the purpose contemplated under clause 1.1;
 - (d) the Requesting Licensee removes or abandons its Roof Equipment;
 - (e) the Requesting Licensee locates equipment other than Roof Equipment on the Roof Space;
 - (f) the Roof Space has become unsafe or unsuitable for their purpose;
 - (g) SingTel's right to own, maintain or operate the Roof Site is revoked or terminates or expires;
 - (h) the Requesting Licensee's use of the Roof Site causes or is likely to cause physical or technical harm to any telecommunication network, system or services (whether of SingTel or any other person) including but not limited to causing damage, interfering with or causing deterioration in the operation of SingTel's Network; or
 - (i) the Requesting Licensee's right to use Co-Location Space under Schedule 8B has been terminated.

- 11.8** SingTel may give the Requesting Licensee notice as soon as reasonably practicable at any time during the term that the Roof Access Licence is to be terminated because of the closure of that Roof Site. The Requesting Licensee shall bear its own cost associated with the closure of a Roof Site and the Requesting Licensee shall solely be responsible for making such alternative arrangements as are necessary to continue to provide its customers with services. If the Requesting Licensee requests assistance from SingTel within thirty (30) Business Days after receiving a notice under this clause to provide an alternative solution to access the Roof Site which is being terminated, SingTel shall use its reasonable endeavours to assist the Requesting Licensee in finding suitable alternatives to the Roof Site that is the subject of termination provided that nothing in this clause shall restrict SingTel's right to terminate under this clause 11 and that the ultimate responsibility to find an alternative lies with the Requesting Licensee.
- 11.9** Upon expiry or termination of the Roof Access Licence:
- (a) the Requesting Licensee must discontinue the use of its Roof Equipment and remove its Roof Equipment and Building Cabling from the Roof Site within thirty (30) Business Days after the expiry of the Roof Access Licence or from the date of termination of the Roof Access Licence, whichever is the earlier; and
 - (b) SingTel shall reinstate the Roof Space and recover and reinstate all cables, supports and opening and recover the reasonable cost of such reinstatement from the Requesting Licensee; and
 - (c) SingTel shall also verify the Requesting Licensee's adherence to clause 12.7 (a) and update its records. SingTel shall recover the reasonable costs of such works from the Requesting Licensee.
- 11.10** If the Requesting Licensee fails to discontinue the use of its Roof Equipment and remove its Roof Equipment and Building Cabling under clause 11.9, SingTel shall remove the Requesting Licensee's Roof Equipment and Building Cabling and reinstate the Roof Space to their original condition. The Requesting Licensee shall pay to SingTel all reasonable costs associated with the work undertaken by SingTel including the disposal of the Roof Equipment and Building Cabling. In such event, the Requesting Licensee shall have no claim whatsoever against SingTel.
- 11.11** Upon termination of the Roof Access Licence, any physical access granted to the Roof Site shall also be terminated.

11.12 Upon termination of Roof Access Licence by the Requesting Licensee or SingTel under this clause 11 (except under clauses 11.7(f) or 11.7(g)) prior to the expiry of the licence term referred to in clauses 11.1 and 11.2, the following Charges shall be recovered from the Requesting Licensee but only where SingTel has at its discretion constructed additional Roof Space in respect of a Roof Site and has not recovered the full cost of Site Preparation Work from the Requesting Licensee from upfront Site Preparation Work Charges:

- (a) licence Charges for the remainder of the original licence term; and
- (b) outstanding pro-rata Site Preparation Work Charges.

12. SUB-LICENSING

12.1 The Requesting Licensee must not assign the Roof Access Licence in respect of or sub-let the Roof Space at the Roof Site.

13. ADDITIONAL SPACE AND EQUIPMENT

13.1 If the Requesting Licensee wishes to replace, modify or rearrange existing Roof Equipment at the Roof Space or to install additional Roof Equipment or at the Roof Space, the Requesting Licensee must submit a request in respect of the replacement, modification, rearrangement or additional Roof Equipment. The Requesting Licensee shall be liable for the costs incurred by SingTel in processing the application.

13.2 Requests for additional Roof Space at Roof Sites shall be treated as a separate Roof Access Licence Request and the process of ordering and provisioning in clause 3 shall apply.

ANNEX 5C-1

LIST OF POSSIBLE ROOF SITE

Serial Number	Description of Roof Site
1	Ang Mo Kio Telephone Exchange
2	Ayer Rajah Telephone Exchange
3	Bedok Telephone Exchange
4	Bukit Panjang Telephone Exchange

5	Changi Telephone Exchange
6	Central Telephone Exchange
7	East Telephone Exchange
8	Geylang Telephone Exchange
9	Hougang Telephone Exchange
10	Jurong East Telephone Exchange
11	Jurong Telephone Exchange
12	Jurong West Telephone Exchange
13	Katong Telephone Exchange
14	North Telephone Exchange
15	Paya Lebar Telephone Exchange
16	Pasir Ris Telephone Exchange
17	Queenstown Telephone Exchange
18	Telok Blangah Telephone Exchange
19	Tampines Telephone Exchange
20	Tuas Telephone Exchange
21	Woodlands Telephone Exchange
22	City Telephone Exchange
23	City South Telephone Exchange
24	Orchard Telephone Exchange

ANNEX 5C.2

REQUEST FOR ROOF ACCESS LICENCE

The Requesting Operator

Date of Application : _____ Application Reference Number : _____

ROOF REQUIREMENTS

Address of Roof Site : _____

Number of Antennas : _____

Model and Specifications of Antennas : _____
(eg. Size, weight and wind load)

Transmitting and Receiving Frequency : _____

Transmission Power of each Antenna : _____

Number of Mounting Positions & height : _____

Cable / Waveguide Specifications : _____

Any other specific requirements : _____

On Behalf of the Requesting Licensee

Sign : _____ Name of Requesting Licensee: _____

Name : _____ [Company Name]

Designation : _____

Department : _____

Contact Number : _____ Company Stamp : _____

Fax Number : _____

SingTel's Reply to the Requesting Operator

Application returned - incomplete/illegible

Not Approved Reason for Rejection : _____

Approved subject to details and conditions given in the attached Letter of Authorisation

SingTel Approval Code : _____

On Behalf of SingTel

Sign : _____ Contact Number : _____

Name: _____ Fax Number : _____

Date : _____

Processing Status

Received Date : _____ Queue Status : _____ Processed Date : _____